

# Successful Physician Leadership and Engagement for Change: Kaiser Permanente Mid-Atlantic States

Bernadette Loftus, MD Associate Executive Director for the Mid-Atlantic States The Permanente Medical Group

Saturday, March 16, 2013





# What is Kaiser Permanente? We are a partnership of separate legal entities

#### Kaiser Foundation Health Plans

Nonprofit regional health plans that provide members with prepaid comprehensive health benefits



KAISER PERMANENTE®

#### Kaiser Foundation Hospitals

Nonprofit corporations that own and operate or contract for hospital facilities and services.

## The Permanente Medical Groups

Regional Medical Groups which contract exclusively with KFHP/H to provide medical services to Kaiser Permanente members

## Kaiser Permanente Mid-Atlantic at a glance

#### **Fast facts:**

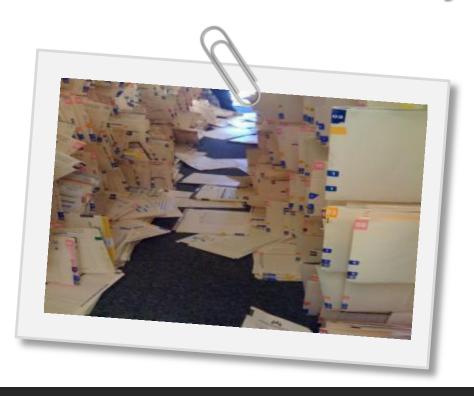
- Spans Washington, DC, Maryland, Virginia
- ~500,000 members
- ~1,000 Mid-Atlantic Permanente Medical Group physicians
- ~1,400 nurses
- ~6,000 employees
- 30 medical facilities
- 24/7/365 care available at various centers
- 1.2 million primary care visits (2012)
- 865,000 specialty care visits (2012)
- 190,762 Urgent care visits (2012)
- Unparalleled online tools and EMR

#### **Service Areas**





## The quest – model of choice everywhere

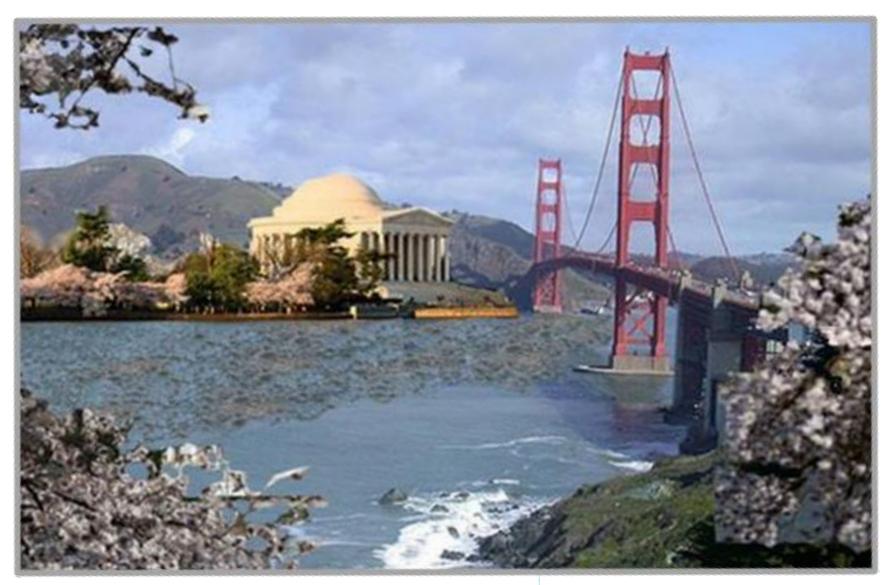


#### 2008 and prior

 Long-standing, blazing success in California KPMAS not our strongest region.

 Mid-Atlantic Region ready to re-dedicate to the very "DNA" of KP - Fully integrated, highly-coordinated, complete care delivered to KP members.

## East Coast – West Coast Affiliation



#### Vision: Have One.

Make it clear and easily articulable by all.

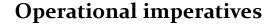
Everyone needs to know what you're about – why are you here?

To be the model of choice for health care everywhere by creating the most value

## Diagnostics - No stone unturned

Our comprehensive framework for making comprehensive salutary change a reality

#### Foundational imperatives





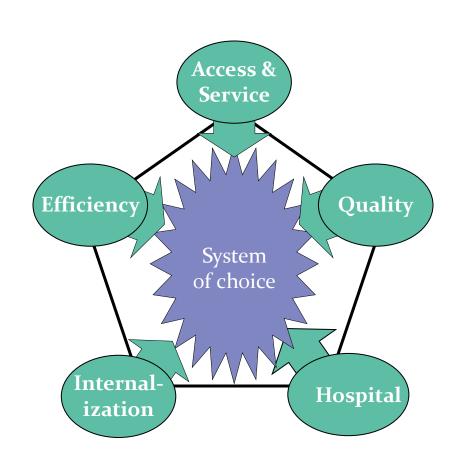
People



Systems/Data



Technology







The overall leadership/management organization structure. Finding our way back to the medical home. Physician development.

#### Systems/Data/Reporting

What metrics are used to measure performance? How do we build the systems to provide coordinated care? How do we know how well we are doing?

#### **Technology**

Install some basic, critical hardware/software.

#### **Efficiency**

Why do we do it that way?

#### Quality

Quality is Everyone's Job. Specialists also do population management.

#### **Access & Service**

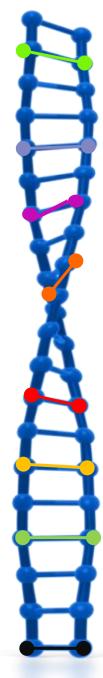
Flexible modalities to meet patients' needs using their standards of convenience.

#### Hospital, UC/ED

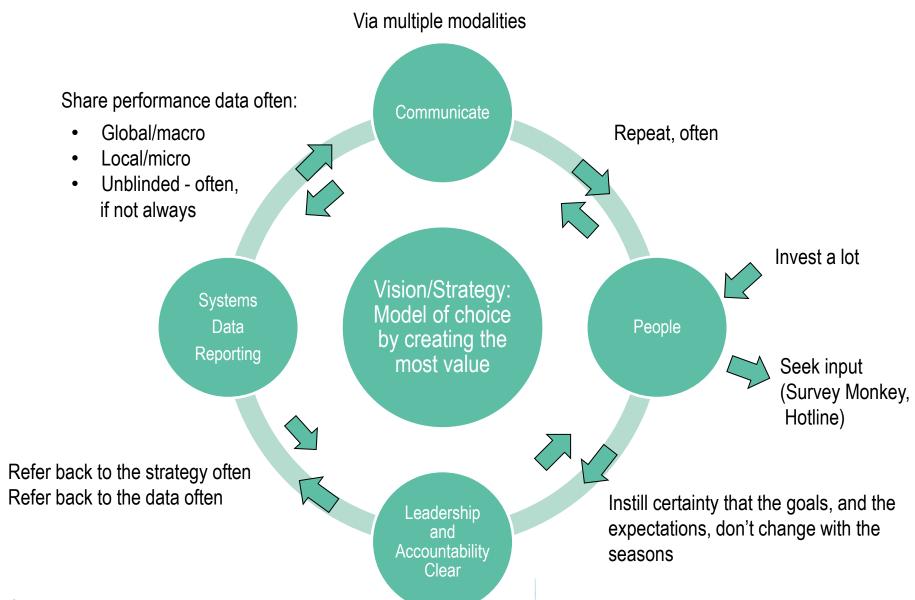
Focus on expanding urgent care and enhancing hospital partnerships and expectations.

#### Internalization

Implement new services, capabilities, workflows, and practices to internalize care.

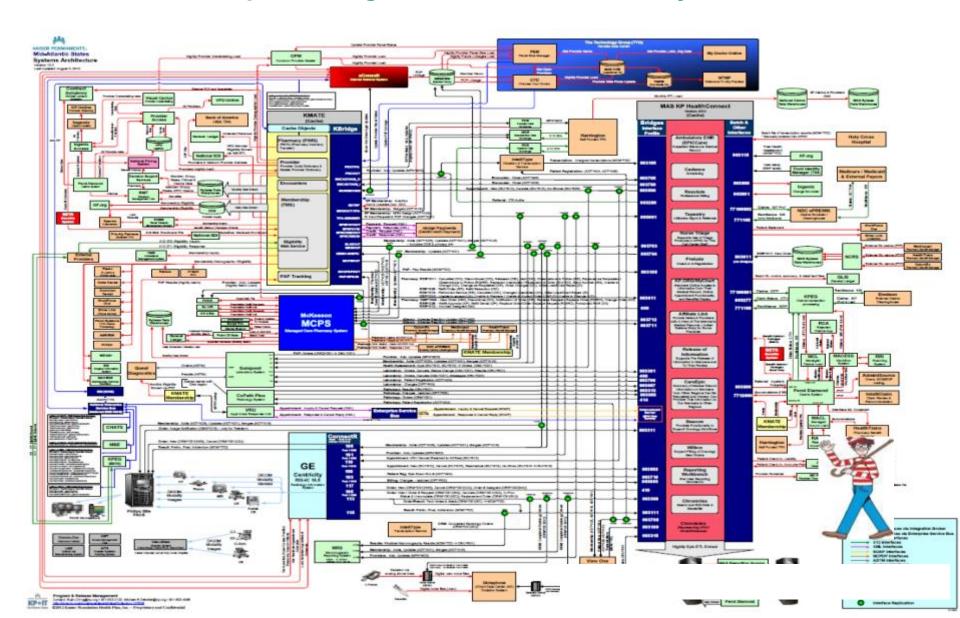


#### Most Important: People and Information, and the Byplay Between the Two



## **People**

#### **Leadership & Management Structure – Clarity, Please**



## People

#### Invest in Physician & Staff Development and Recognition

- Physician Residential Leadership Development Programs
- Physician Wellness Program ("Live Well Be Well")
- Physician-Patient Communication Training
- Quality "Summits"
- Regional "Heroes" Program
- Senior Leadership Communication Sessions on the Road
- Thriving in a Busy Practice Trainings
- Tumor Board Training
- Partners in Care
- Extensive Simulation Trainings

- Access "Summits"
- Communication Skills Intensive Trainings
- MAPMG Admin Day
- MD Connect Educational Series
- MDConnect Peer Coaching Program
- Medical Office Building-based Physician Recognition Program
- New Physician Day
- Enhanced Mentoring Program
- MAPMG Day

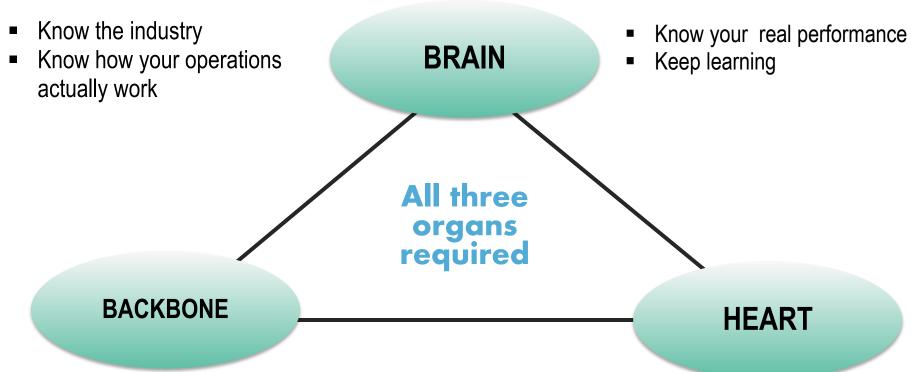
There is a huge chasm between knowing and doing, and executing is as important as thinking "big thoughts."

Implementation must be a core competency.

"Leadership" is an active verb.



## **Success in Health Care Leadership**



- Do what you say you will
- Know your values and why you're here
- Expect the best
- Refuse to make "chumps" of your high performers.
- Be OK with realizing you can't make everyone happy

- Know your people, and let them know you
- Laugh
- Realize your job is to move the middle

## **Turning Doctors into Leaders**

- Performance matters
  - -"Excellence is a habit" Aristotle
- "Value" is not a bad word
- Teamwork improves performance (physician autonomy is not synonymous with quality)
- Maintain the altruistic vision
- Integrate providers to improve communication and close gaps in care; when doctors talk to each other, good things happen. The opposite is also true.

My own addition: measurement is a good thing for physicians

#### Inter-Related Elements of the Success Formula



- Macro & granular results
- Data right in the hands of influencers
- Transparency High vs. Low Performers
- Et cetera

- Think BIG, start small, move fast!
- Empower people...physicians & frontline staff
- Believe! Prevention saves lives
- Believe! The WIIFM of improved patient experience

## **People**

#### **Invest in Physician & Staff Engagement**

- Innovation Consultant Program
- Mandatory (supported) Interdepartmental meetings
- Inefficiency "hot line" with 100% response
- Annual administration of Physician Opinion Survey
- Give away "tchotchke's" for participation in surveys



#### **People**

#### Physician retention/recruitment/workforce flexibility

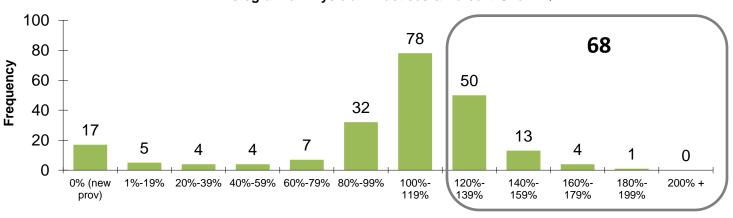
- Eliminated significant deficit in primary care physicians and "right-sized" primary care panel sizes to enable excellence in access and quality goal achievement
- Established strict controls over the empanelment process to prevent the gross over-empanelment of certain physicians
- Implemented Panel Size Manager to maximize number of open panels

 Established aggressive annual recruiting campaign for physicians tied to calendar of academic year

#### "Right-sized" primary care panel sizes

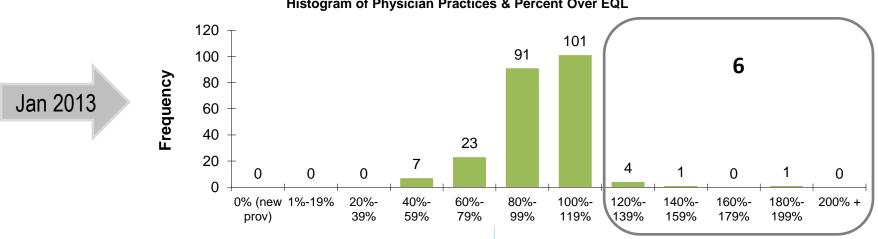
**Enable excellence in access and quality** 





Apr 2009





## The evolution of specialty capabilities in KP

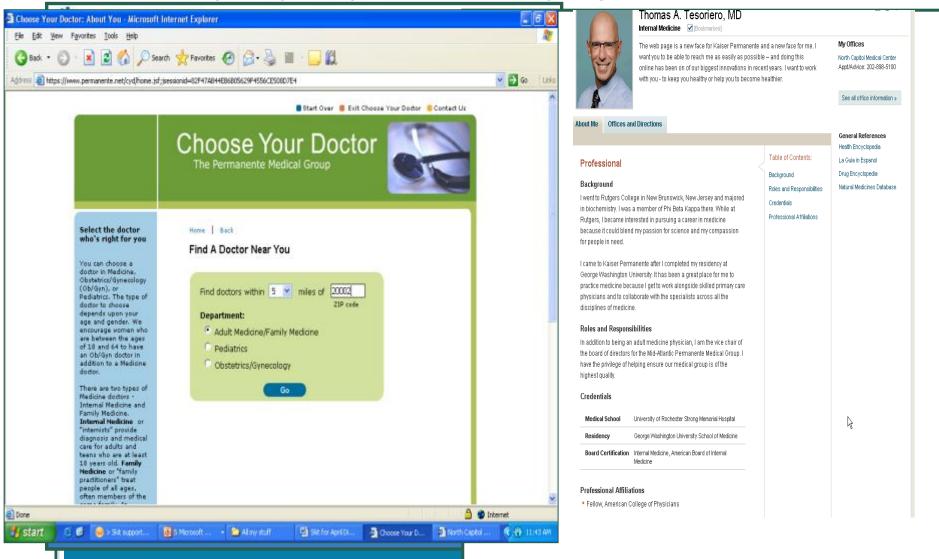
- Hiring primary care doctors and 'basic' specialists
- Adding 24/7 services (UC/RAD)
- Specialists in Baltimore

- Adding ER physicians
- Interventional radiology
- Nuclear medicine
- Pediatric subspecialists
- Psychiatrist and Therapists



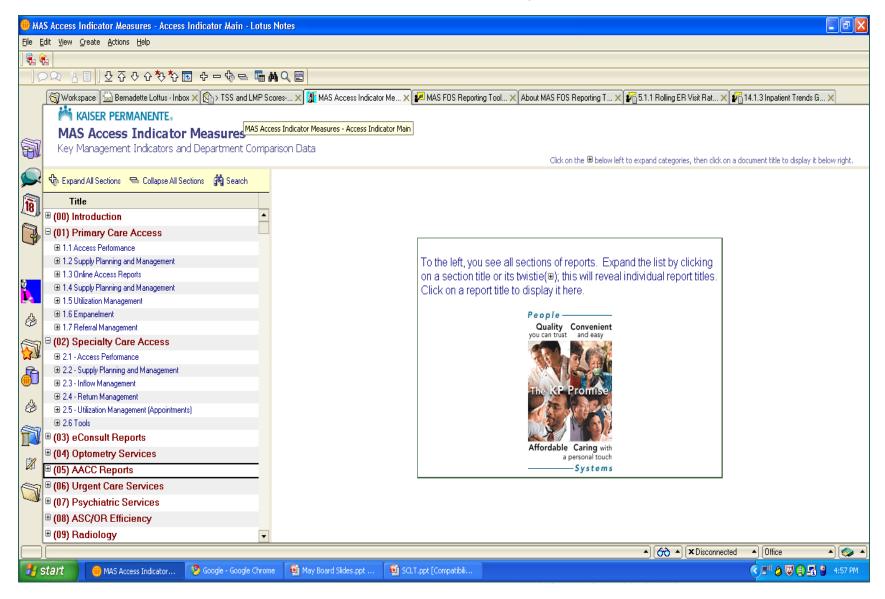
## Systems/Data/Reporting – Systems examples

Help make doing the right thing easy, and the wrong thing hard



## Systems/Data/Reporting – Data examples

Established a culture of "show me the data," from which we manage our business.



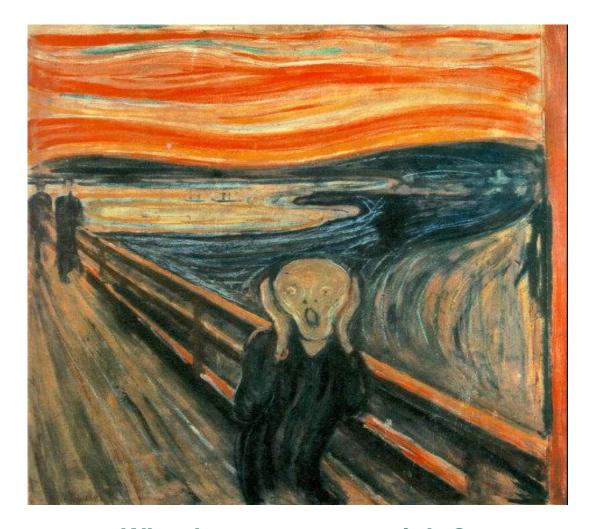
## Systems/Data/Reporting-Reporting examples

Never underestimate the power of competition - Transparency, in the form of unblinded data, spurs change.

Mid-AtlanticPermanente Medical Group Weekly Specialty Access Report						Facil	ity \	/iev	V				
Reporting Period: 02/10/2013 - 03/09/2013			Throug	hput and	Backlog	Calculations				ITS C	Calculati	ons	
Facility  Spe J SA Desc J Week Desc	New Demand A	Open @ Beg B	Closed "Not Seen" C	Closed "Seen" D	Open @ End E	Weekly Throughput F	Backlog G	Backlog in Weeks H	Initiated to Booked (Days)	Initiated to Seen (Days)	Total Seen	seen in 10 days	% Seen Within 10 Days
■ALLERGY													
■ALI													
∃ALL			_					_					
2/10/2013 - 2/16/2013	137	168	34	111	160	145	15	0.1	0.6	6.1	81	70	86.4%
2/17/2013 - 2/23/2013	101	160	32	78	151	110	41	0.4	0.3	5.9	55	50	90.9%
2/24/2013 - 3/2/2013 3/3/2014 - 3/9/2013	151 124	151 165	34 47	103 94	165 148	137 141	28 7	0.2	0.5 0.7	6.0 6.3	73 64	60 58	82.2% 90.6%
3/3/2014 - 3/3/2013 ALL 4 Week Total	513	165	147	386	148	533	7	0.0	0.7	6.1	273	238	90.6% 87.2%
ALL 4 Week Total	313	103	147	300	140	333	ı	0.0	0.0	0.1	213	230	01.270
■ BAI													
■WOODLAWN	04	40	2	44	40	4.4	_	0.4	4.0	r 7	7		85.7%
2/10/2013 - 2/16/2013 2/17/2013 - 2/23/2013	21	12 19	3	11 7	19 22	14 9	5 13	0.4 1.4	1.9 0.1	5.7 6.6	7	6 6	
2/11/2013 - 2/23/2013 2/24/2013 - 3/2/2013	12 14	22	2 6	11	19	17	2	0.1	0.1	6.6 7.8	11	7	85.7% 63.6%
3/3/2014 - 3/9/2013	19	19	7	10	21	17	4	0.1	0.9	0.3	4	4	100.0%
4 Week Total	66	19	18	39	21	57	4	0.2	0.8	6.0	29	23	79.3%
4 Wook Total	- 00	10	10		1	- 01	-	0.2	0.0	0.0	20	2.0	10.070
<b>□DCSM</b>													
GCAPITOL HILL													
2/10/2013 - 2/16/2013	14	26	0	18	22	18	4	0.2	0.5	8.8	14	10	71.4%
2/17/2013 - 2/23/2013	14	22	4	10	22	14	8	0.6	1.2	10.4	5	3	60.0%
2/24/2013 - 3/2/2013	15	22	4	12	21	16	5	0.3	0.0	7.3	8	6	75.0%
3/3/2014 - 3/9/2013	17	21	5	9	24	14	10	0.7	0.4	14.6	7	4	57.1%
4 Week Total	60	21	13	49	24	62	10	0.7	0.5	9.9	34	23	67.6%
BURKE			82.2%		99.	7%	86.4	1%	8:	2.2%		99.79	%

## **Quality**

- Edvard Munch, The Scream



What keeps us up at night?

1) Systems that make it hard to do the right thing

2) Primary care "doing it all"

#### PROVIDER LEVEL PERFORMANCE AND UTILIZATION REPORT Never underestimate the power of competition Physicians with > 2 yrs tenure

751514115 411117 4 715 1411414	· · · · · · · · · · · · · · · · · · ·
partment: Medicine	
asurement Period:	Transparency, in the form of unblinded data, spurs change.
Print Ontions Condensed Person	

Meas	ıremer	nt Period:							Tra	ınsp	oar	enc	y, iı	n th	ne fo	rm	of	unblii	nde	d d	ata	ı, s	ľ
		Print Optio	ns	Condens Expande	ed Report d Report					SHOWAII	SHOWAII	SHOWAII	SHOWAII	SHOWAII	SHOWAII	SHOWAII	SHOWAII						
		IDENTIF	ICATION	DATA	N		PANE	L INFOR	MATIO	N	MPS	ACCESS	On-Line	CV	DIABETES	CANCER	QUALITY	OVERALL		IMAC	GING REF	FERRAL	S
MC	FAC	NA	ME	RESID	HIRE DATE (mm/dd/yy)	Prim. Care FTE	Target Panel Size	Risk Adj. Panel	% Empani	# Unadjusted Panel Members	MPS Index	Accessi Person. Index	On-line Mgmt. Index	CV Index	Diabetes Index	Cancer Screen. & Prev. Index	Qual. Coding Index	Overall Performance Index	UGI Referrals / 1000 Visits	UGI Referrals Index	L-Spine MRI Referrals 71000 Visits	L-Spine MRI Referrals Index	F
Α	В	(		D	E	F	G	Н	İ	J	AA	AF	AK	AP	Bl	BP	BS	BT	BV	BW	BX	BY	
									2008 1	ARGETS									4.04		8.51		
SCL	CMB	Α	ameer	+		0.52	1,144	1,376	120%	1,301	1.31	1.04	1.31	0.99	1.13	1.15	1.01		1.09	0.27	4.91	0.58	
SCL	CMB	C	nilip			0.90	1,980	2,294	116%	1,807	1.00	1.14	1.26	0.99	1.02	1.24	1.03		0.29	0.07	6.74	0.79	
SCL	CMB	F	ebra		ļ _	0.60	1,320	1,702	129%	1,625	1.00	1.04	1.28	0.94	1.11	1.18	1.04		0.85	0.21	10.67	1.25	
SCL	CMB	Н	ndrew		ļ	0.80	1,760	2,036	116%	2,514	1.00	1.07	1.10	1.00	1.06	1.05	1.04		0.69	0.17	3.11	0.37	
SCL	CMB	K	n, James		L	0.95	2,090	2,426	116%	2,281	1.00	1.15	1.15	1.04	1.02	1.12	1.03		0.00	0.00	5.75	0.68	
SCL	CMB	K	inder			0.60	1,320	1,674	127%	1,475	1.00	1.05	1.20	1.05	1.10	1.09	1.02		0.00	0.00	10.00	1.18	L
SCL	CMB	L			ļ	0.80	1,760	2,178	124%	1,712	1.06	1.14	1.22	1.06	1.03	1.19	1.03		0.31	0.08	10.81	1.27	
SCL	CMB	Р	nita		L _	0.81	1,782	1,970	111%	2,563	0.75	1.09	1.13	0.92	1.08	1.04	1.04		0.32	0.08	4.73	0.56	
SCL	CMB	Q	nne		i	0.69	1,518	1,858	122%	2,059	1.00	1.10	1.24	0.96	1.04	1.08	1.04		0.00	0.00	2.98	0.35	
SCL	CMB	S	la		:	0.80	1,760	1,662	94%	2,201	1.00	0.86	1.09	0.78	0.94	1.02	0.99		0.47	0.12	5.59	0.66	

118%

105%

103%

105%

104%

2,160

1,894

2,346

0.76 | 1.677 | 1.967 | 118%

1,980 | 2,073

1,587

2,105

1,780

1,902

1,290

0.83

0.42

SCL CMB

SCL CMB

SCL CMB

SCL | MIL

SCL | MIL

SCL MIL

SCL MIL

SCL MIL

ayssoun

Sraboni

neila

nifer

1,826

1,518 1,591

1,298 1,336 2,336

1,922

2,252

2.004

1,827

1,455

1,506

2,606

1,878

2,047

2,025

1,311

1.00

1.00

1.00

1.01

1.06

1.00

1.00

1.00

1.00

1.00

1.38

1.07

0.94

1.11

1.06

1.03

0.96

1.09

1.16

0.98

0.79

1.03

1.25

1.25

1.19

1.20

1.02

1.06

1.05

1.18

1.10

1.11

1.07

0.91

1.05

1.05

1.08

1.06

1.05

1.07

1.05

1.03

0.95

1.10

1.05

1.09

0.98

1.18

0.90

1.03

1.00

1.13

1.12

1.14

1.12

1.11

1.01

1.10

1.13

1.15

1.13

1.03

0.95

1.04

1.02

1.03

1.02

1.02

1.04

1.04

1.02

1.04

1.03

SHOWAII SHOWAII SHOWAII SHOWAII SHOWAII SHOWAII SHOWAII SHOWAII					
	SHOWAII SHOWAII	SHOWAII SHOWAII	SHOWAII SHOWAII	SHOWAII SHOWAII	

S (FOR EDUCATIONAL PURPOSES ONLY)

Visits

CB

4.37

2.18

3.23

5.12

2.08

3.64

3.09

0.32

1.49

0.96

6.72

3.72

2.90

8.94

1.04

1.74

1.17

1.21

2.05

Referrals

1.42

Referrals

0.00

0.00

0.60

0.49

0.00

1.08

0.22

0.26

0.00

0.00

0.00

0.33

0.00

0.00

0.00

0.41

0.00

0.00

0.00

0.93

0.00

0.00

0.00

0.47

0.00

0.00

0.00

0.00

0.00

0.00

0.00

0.37

0.13

0.00

0.00

1.28

12.96

4.03

6.95

4.15

8.12

1.76

4.55

5.63

6.65

6.19 0.73

0.15

1.52

0.82

0.49

0.95

0.53

0.66

0.78

Outpatient

Carotid

Referrals

Index

0.50

0.74

1.17

0.47

0.83

0.71

0.22

1.54

0.66

2.04

0.24

0.40

0.47

1.43

Abdominal

ULS

Referrals

Index

CE

0.18

0.65

0.81

0.64

0.58

0.77

0.56

0.69

0.91

0.44

0.48

0.76

0.61

1.05

1.47

1.13

0.75

1.42

0.97

Referral

Index

0.31

0.45

0.81

0.43

0.55

0.52

0.78

0.30

0.33

0.55

0.16

0.71

0.43

0.48

0.23

0.86

0.47

0.50

0.33

0.55

0.45

0.70

Abdominal

Referrals/

1000 Visits

CD

17.36

3.27

11.73

14.51

11.41

6.80

10.46

13,90

10.09

12.30

16.29

8.64

13.65

10.89

8.46

18.87

26.47

20.31

13.46

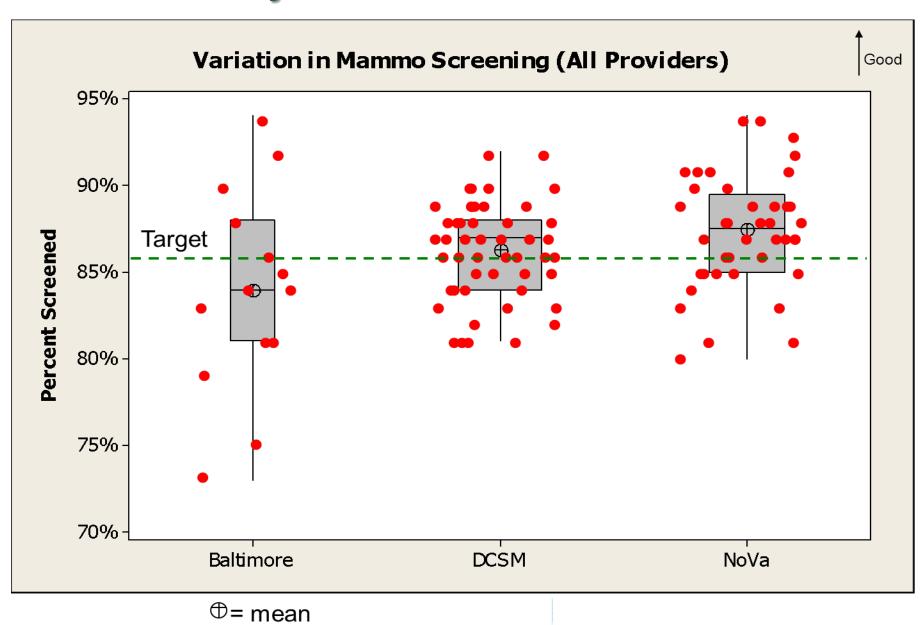
25.45

17.40

19.53

19,49

## **Variation Analysis**



#### **Access and Service**

Quality will be redefined as convenience.



Overall patient experience largely driven by perception of ease ,convenience, and timeliness of access

Timeliness of access is largely a simple numbers game, so teach the arithmetic

## **Specialty Access**

								OF SF												
	ALL	CAR	DRM	END	ENT	GI	ID	NEP	NEU	ONC	OPH	ORT	PHY	PLS	POD	PUL	RHE	SPS	SUR	URO
BALT	12.5%		18.0%	24.1%	11.5%		0.0%		7.1%	5.6%		61.6%				13.8%			14.7%	54.9%
DCSM	15.5%	34.4%	18.8%	18.2%	40.4%	14.1%	36.4%	39.0%	14.9%	20.9%	47.7%	29.6%	43.2%	17.4%	32.5%	16.0%	20.0%		53.4%	21.2%
NOVA	15.5%	56.4%	15.9%	22.9%	60.8%	9.9%	64.7%	41.7%	17.9%	27.1%	51.6%	65.1%	28.6%	0.0%	22.3%	21.5%	28.9%	31.2%	59.2%	28.3%
REGION	15.2%	43.1%	17.7%	20.8%	48.7%	12.3%	44.2%	40.5%	16.0%	21.8%	49.7%	49.6%	36.9%	14.8%	27.9%	18.0%	23.6%	31.2%	54.6%	26.7%
					<b>►</b> Initia	ite to S	een w	ithin 10	days f	or 75 %	or mo	re. Mee	ting th	e go						
					Initia	te to S	een w	ithin 10	daysh	etwee	n 50 %	- 74 %	On the	way to	meet	the goa	1			

	N	/ION	ΓHLY	SNA	APSH	OT (	OF S	PEC	IALT	Y CA	ARE.	ACC	ESS	- Jaı	nuar	y <b>20</b> 1	11		
	ALL	CAR	DRM	END	ENT	GI	ID	NEP	NEU	ONC	ОРН	ORT	PHY	PLS	POD	PUL	RHE	SUR	URO
BALT	82.4%	16.1%	14.1%	81.1%	61.4%	15.5%	100%	52.0%	5.1%	79.3%	6.7%	86.7%			91.4%	22.2%	57.1%	76.4%	21.3%
DCSM	81.0%	76.7%	87.7%	87.6%	92.6%	65.0%	100%	83.3%	88.3%	95.9%	83.4%	95.3%	97.5%	60.0%	94.2%	89.3%	93.3%	74.9%	91.5%
NOVA	91.2%	91.3%	92.3%	93.6%	91.7%	59.4%	100%	80.4%	96.1%	82.0%	90.3%	92.9%	78.3%	81.8%	93.6%	91.6%	92.2%	85.3%	86.4%
REGION	85.8%	63.7%	86.1%	88.8%	87.5%	51.0%	100%	76.6%	81.1%	88.8%	77.2%	93.1%	90.5%	69.2%	93.6%	80.6%	90.7%	80.0%	78.6%

Initiate to Seen within 10 days for less than 50 % Not meeting the goa

Initiate to Seen within 10 days for 75 % or more. Meeting the goal

Initiate to Seen within 10 days for less than 75 % Not meeting the goal

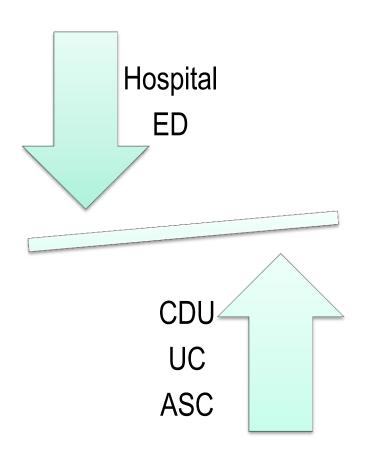
				MOI	NTH	LY S	NAF	PSHO	о тс	F SF	PECI	ALT	Y C	ARE	ACC	CESS	- Ja	anua	ry 20	)13				
	ALL	ALT	CAR	DRM	END	ENT	Gl	ID	NEP	NEU	ONC	ОРН	ORT	PAI	PHY	PLS	POD	PUL	RHE	SPS	SUR	URO	VAS	SLP-MD
BALT	89%		86%	16%	90%	85%	88%	100%	86%	93%	96%	91%	90%				86%	63%	86%	100%	87%	89%		
DCSM	87%	79%	92%	31%	88%	92%	70%	75%	87%	90%	91%	94%	95%	89%	87%	64%	93%	83%	89%	89%	82%	91%	73%	
NOVA	79%	88%	93%	94%	86%	88%	81%	94%	92%	94%	89%	92%	90%	90%	92%	81%	92%	96%	92%	91%	87%	67%	82%	87%
REGION	85%	83%	90%	47%	88%	88%	80%	90%	88%	92%	92%	92%	92%	89%	90%	73%	90%	81%	89%	93%	85%	82%	78%	87%

Initiate to Seen within 10 days for 80 % or more. Meeting the goal

Initiate to Seen within 10 days for less than 80 % Not meeting the goal

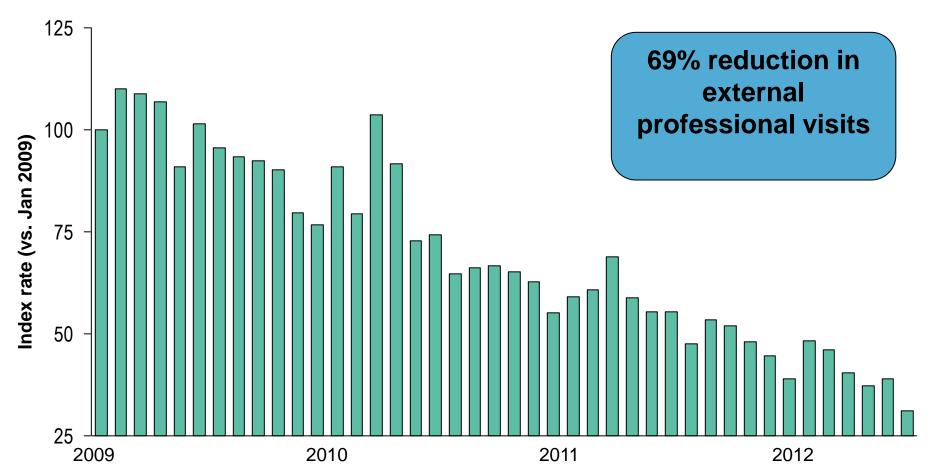
## **Urgent/Emergent Care & Hospitalization**





#### Internalization

# Authorized External Professional Referral Visits (per 1,000 members)



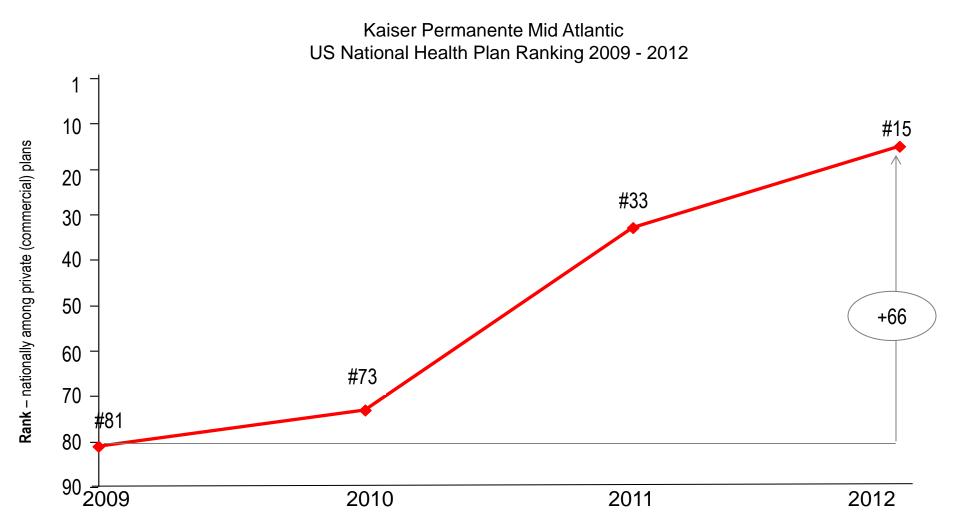
## **Efficiency**



# But is it working?

There is no value in a nice concept if it doesn't deliver the outcomes desired

#### **KP Mid-Atlantic: Climbing the National Rankings**



#### **Consumer Reports: November 2012**



Plan name	Overall score	Perfo	rmar	ce	183	
		Consumer	Prevention	Treatment	Accreditation	National rank
DISTRICT OF COLUMBIA						
Kaiser Foundation Health Plan of the Mid- Atlantic States	88	0	0	0	Y	15
Cigna Health and Life Insurance	85	3	0	0	Y	73
Connecticut General Life Insurance	85	3	0	0	γ	73
MD - Individual Practice Association	83	0	3	3	Y	19
Aetna Health (Pennsylvania)	82	3	0	3	Y	21
CareFirst BlueChoice	82	0	3	3	Y	23
Optimum Choice	82	0	3	0	Y	24
UnitedHealthcare of the Mid-Atlantic	81	0	3	3	Y	30
Cigna Health and Life Insurance	84	0	0	3	Y	10
Connecticut General Life Insurance	84	0	0	3	Y	10
Aetna Life Insurance	83	3	3	3	Y	17
BluePreferred	83	3	3	0	Y	18
United HealthCare Services (Mid-Atlantic)	81	0	3	3	Y	28
UnitedHealthcare Insurance (Mid-Atlantic)	81	0	(3)	(3)	V	28

(3)

(3)

(3) Y 233

(3) Y 216

(3) (1) Y 246

**(3)** 

(3)

(3)

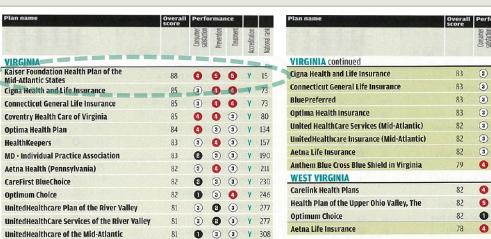
3 3

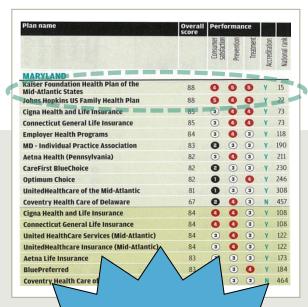
a

(3)

(3) **2** 

3 2



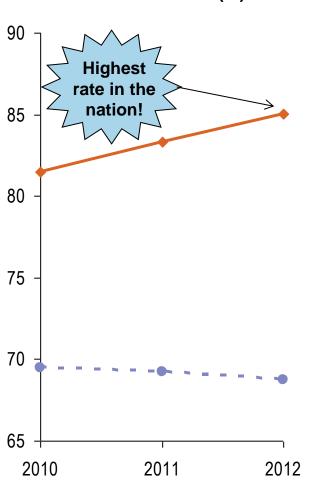


Kaiser Permanente recognized by NCQA as highest ranked plan in Maryland, DC, and Virginia for both commercial and Medicare plans!

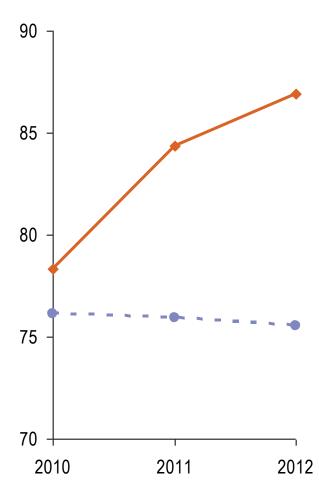
## **Quality – Cancer Screening**





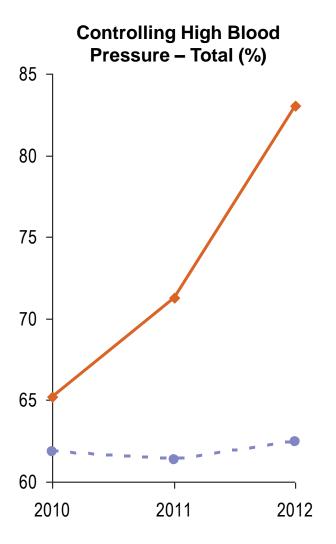


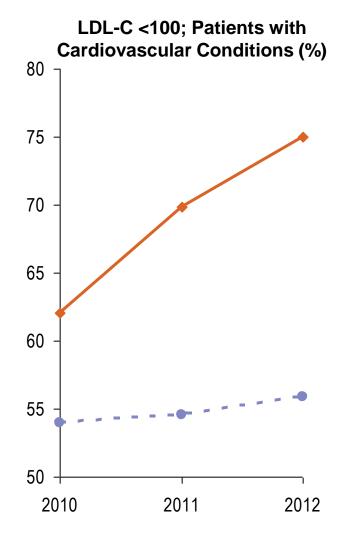
#### **Cervical Cancer (%)**



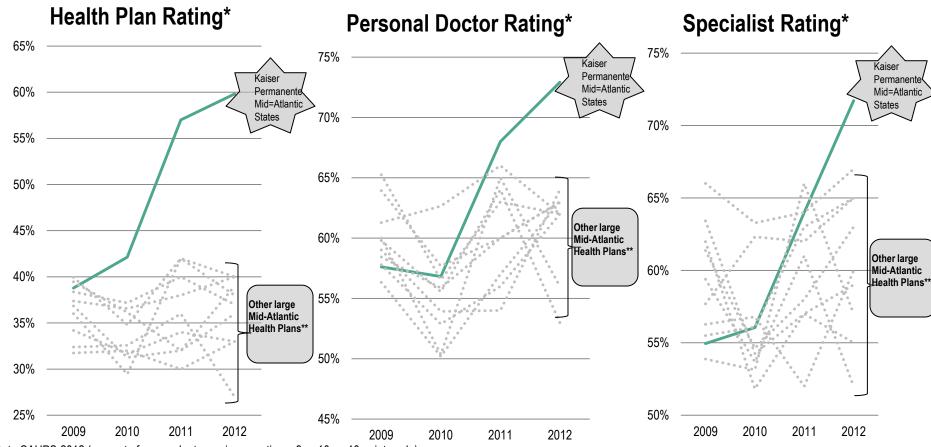
## **Quality – Chronic Conditions**







# Consumer Assessment of Healthcare Providers and Systems (CAHPS)



<sup>\*</sup> Data CAHPS 2012 (percent of respondents scoring question a 9 or 10 on 10 point scale)

<sup>\*\*</sup> Other large Mid-Atlantic health plans composed of plans with more than 150,000 members in DC, VA or MD (per HealthLeaders Study July 2011)

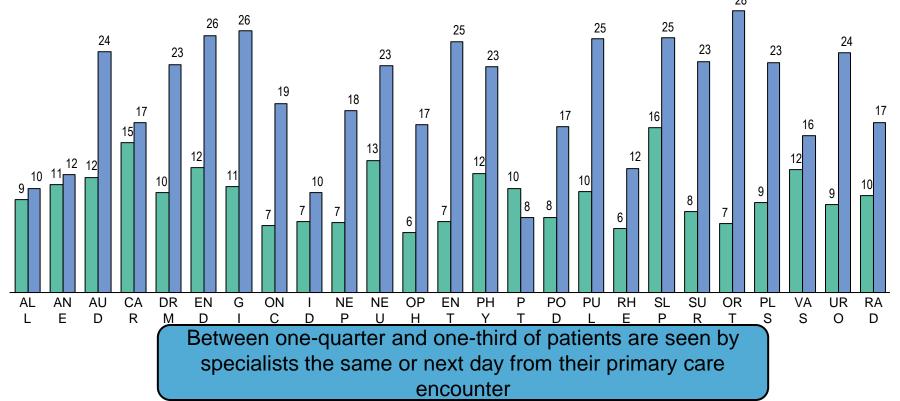
## Operational improvements go beyond quality

Access to specialty care is rapid

When seen by KP Provider
When seen in the community

Wait Time from referral initiation to appointment completion for KP Members\*

Number of days from initiation of referral to completion of specialist office visit

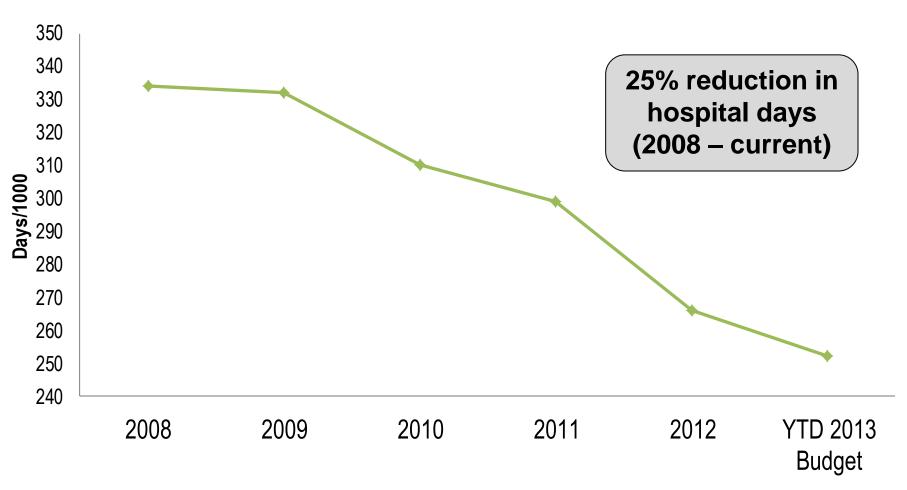


<sup>\*</sup> Data is from July 2012 (lagged 3 months from current so that claims data can be processed to ensure we know when external providers saw the patient); results are reflective of what is seen every other month

<sup>\*\*</sup> Excludes Radiology

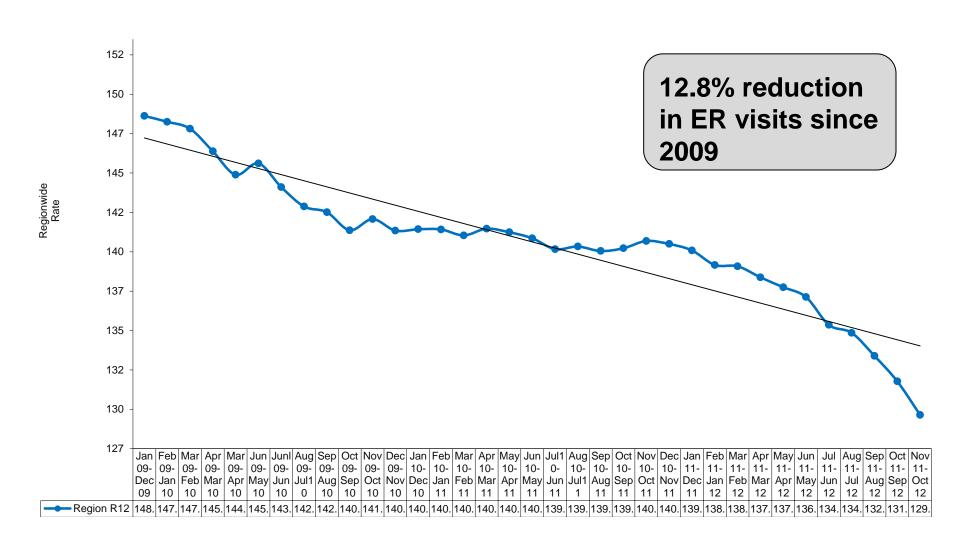
## Cost – Hospital Days/1,000\*





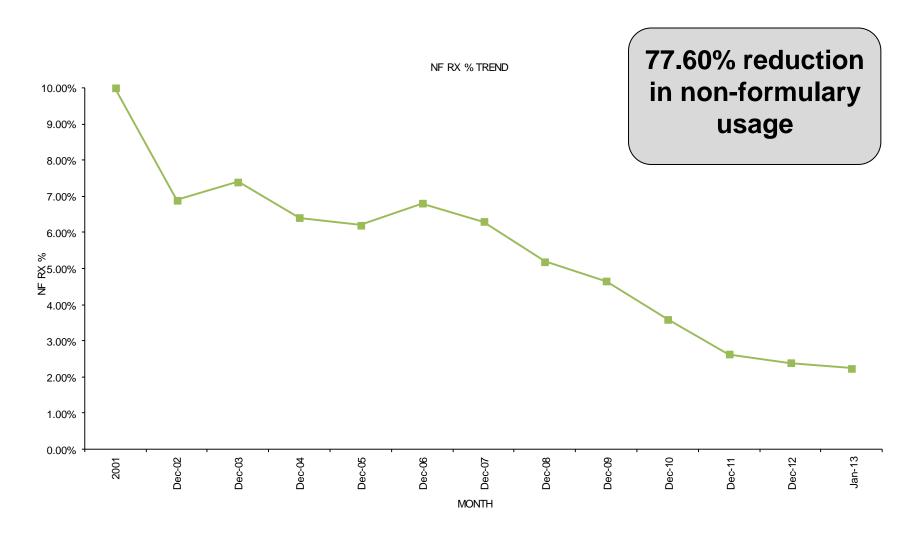
<sup>\*</sup> Excludes psychiatric data, includes Commercial and Medicare

#### Region-wide ER Visits/1,000 (rolling 12-month periods)



## Cost – Non-formulary prescription rate (%)

Region Wide Non-Formulary Trends by Count

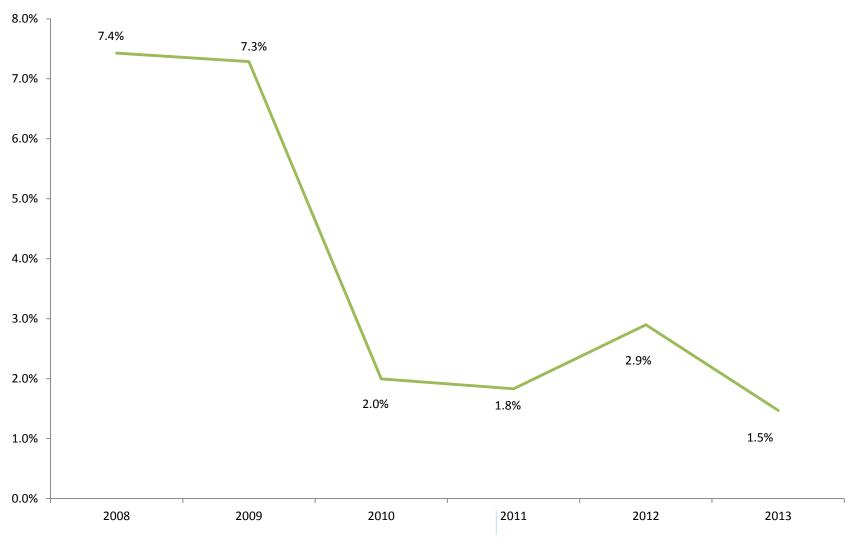


Non-Formulary Rates on a count basis.

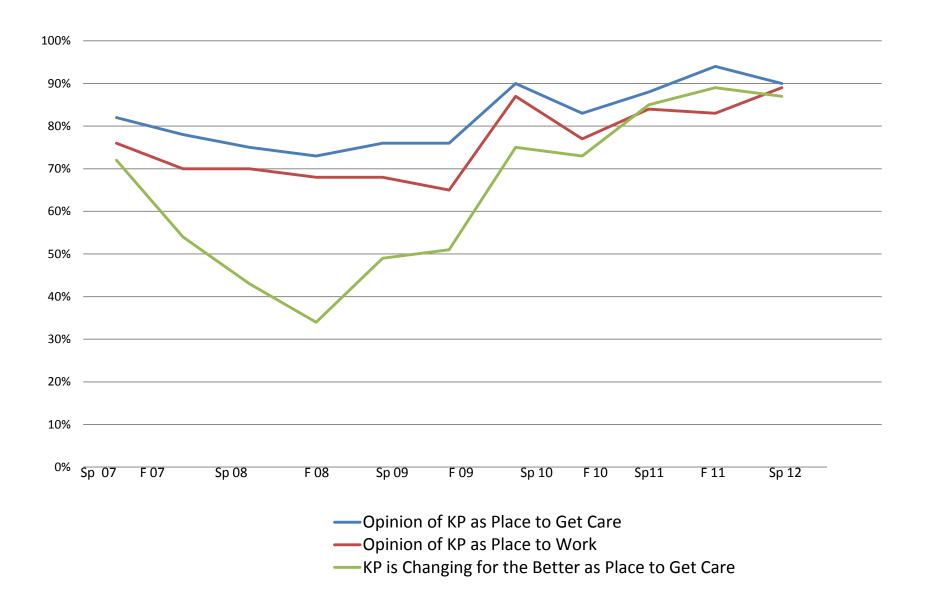
Data Collection Modification (improvement) post to 2008.

## What it all adds up to, dollar-wise

Medical Services Trends Internal, External, Combined 2008-2013



## **Physician Morale**





"Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it is the only thing that ever has."

— Margaret Meade

#### Successful Physician Leadership and Engagement: Key Take-Aways

#### What we found critical

- Clear vision & "imperatives" –
   be audacious in goal-setting
- Engagement of the entire care team led by physicians.
   Collaboration is critical.
- Culture of excellence is expected... not optional.
- Robust reporting system.
- Culture of accountability & being valued.

#### What is not essential

- Perfect data that everyone agrees is incontrovertible.
- A detailed roadmap with every step plotted out.
- Complete consensus of everyone on the team.
- Absolute consistency driven by an assumption that what works one place will certainly work elsewhere.

## Questions